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A head-mounted electronic device according to various embodiments of the present invention may comprise: a curved display; a frame having a mounting surface having a curvature such that the curved display is mounted thereon; and a pair of optical assemblies provided on the left and right sides of the interior of the frame, respectively, so as to provide displayed images to the left and right eyes of the user, the optical assemblies comprising a first lens that forms a view angle of a binocular field of view and a second lens arranged to slope with regard to the first lens, thereby forming an additional view angle of the left or right field of view. In addition, the above head-mounted electronic device may be implemented variously according to embodiments.

